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Univ. Cal.

CALENDAR

OF THE

University of Manitoba,

Winnipeg.



• 1894-95 •



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Incorporated by Act of the Manitoba Legislature, 1877.

CALENDAR

OF THE

UNIVERSITY OF MANITOBA

WINNIPEG.

1894-95.

INCORPORATED BY ACT OF THE MANITOBA
LEGISLATURE, 1877.

WINNIPEG :

PRINTED FOR THE UNIVERSITY BY THE FREE PRESS CO.

1894.

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UNIVERSITY ALMANAC FOR 1894-5.

1894.

Aug. 30.—Last day for receiving applications for Supplemental and for the Medical Entrance Examinations.

Aug. 30.—Last Thursday of the month.—Registrar to be notified on or before this date of appointments of Representatives to the Council and to the Board of Studies.

Sept. 5.—First Wednesday.—Meeting of Board of Studies at 4 p.m.

Sept. 6.—First Thursday.—Statutory meeting of the University Council at 3 p.m.

Election of Vice-Chancellor and of representatives of the Council to the Board of Studies. Appointment of Auditors and Finance Committee. Bursar's Statement of Accounts.

Sept. 19.—Medical Entrance and Supplemental Examinations begin.

Oct. 1.—First meeting of the Board of Studies at 4 p.m., to be called by the Registrar. Election of Officers.

Oct. 3.—Regular meeting of the Board of Studies at 4 p.m.

Nov. 7.—Regular meeting of the Board of Studies at 4 p.m.

Dec. 5.—Regular meeting of the Board of Studies at 4 p.m.

Dec. 6.—First Thursday.—Statutory meeting of the Council at 3 p.m. Election of Registrar.

Dec. 12.—Second Wednesday.—Payment of the first moiety of scholarships.

1895.

Jan. 2.—Regular meeting of the Board of Studies at 4 p.m.

Feb. 6.—Regular meeting of the Board of Studies at 4 p.m.

Mar. 0.—Examination in Medicine will be held in March or April at a date to be decided upon by the Board of Studies.

- Mar. 6.*—Regular meeting of the Board of Studies at 4 p.m.
- Mar. 7.*—First Thursday.—Statutory meeting of the Council at 3 p.m. Appointment of University Examiners.
- April 3.*—Regular meeting of the Board of Studies at 4 p.m.
- April 9.*—Announcement of May Examinations in the papers if not already announced.
- April 22.*—Last day for receiving applications for Examination in Arts, Law and Medical Entrance.
- May 1.*—Regular meeting of the Board of Studies at 4 p.m.
- May 8.*—Second Wednesday.—Payment of second moiety of scholarships. (Except Jr. B.A. Scholarships in Arts and Intermediate Scholarships in Medicine.)
- May 13.*—Examinations in Arts, Law and Medical Entrance begin.
- May 22.*—Last day for sending in to the Registrar application for M.A. and *ad eundem* Degrees. All Graduation Fees must be paid on or before this date.
- June 5.*—Regular meeting of the Board of Studies at 4 p.m.
- June 6.*—First Thursday.—Statutory meeting of the Council at 3 p.m. Payment of second moiety of Jr. B.A. and Intermediate Scholarships.
- June 7.*—CONFERRING OF DEGREES, 3 p.m. Annual meeting of Convocation at 4.30 p.m. Nomination of representatives.
- July 13.*—Opening of ballot papers and declaring of election of the seven Representatives of Convocation to the Council.
- Aug. 29.*—Last Thursday.—Registrar to be notified on or before this date of appointments of Representatives to the Council and to the Board of Studies.

Faculty of Arts.

Course of Study.

PRELIMINARY EXAMINATION.

NOTE 1.—All English-speaking candidates for the Preliminary Examination must take the fixed subjects in Latin, Mathematics, English, History and Geography, and in one of the following groups: (a) Greek, (b) French and German, (c) French and Botany, (d) German and Botany.

NOTE 2.—L'Examen Preliminaire pour les candidats de langue Francaise embrasse le Latin, les Mathematiques, le Francais, l'Histoire et la Geographie, et de plus: (a) soit le Grec, (b) soit l'Anglais et l'Allemand, (c) soit l'Anglais et la Botanique, (d) soit l'Allemand et la Botanique.

CLASSICS

For 1895.

1. *Latin*: (a) VIRGIL, *Æneid*, II. with simple prose composition. One paper.
 (b) CÆSAR, *Bell. Gall.* V. VI. Translation at sight, with the aid of vocabularies, of easy passages from Latin Authors.
 (c) Latin Grammar.—(One paper of $1\frac{1}{2}$ hours.)
2. *Greek*: (a) XENOPHON, *Anabasis*, V.
 (b) HOMER, *Iliad* VI.
 (c) Greek Grammar, with simple prose composition.—(One paper of $1\frac{1}{2}$ hours.)

MATHEMATICS.

1. *Arithmetic*: Hamblin Smith.
2. *Algebra*: Elementary Rules; easy factoring, highest common measure; lowest common multiple; square root;

fractions; simple equations of one, two and three unknown quantities; indices; surds; easy quadratic equations of one and two unknown quantities.—C. Smith's Elementary Algebra.

3. *Euclid*: Books I., II., III.

Euclid's definitions will be required, and no axioms or postulates except Euclid's may be assumed unless in the case of the 12th axiom.

The actual proof of propositions as given in Euclid will not be required, but no proof of any proposition occurring in Euclid will be admitted, in which use is made of any proposition, which, in Euclid's order, occurs subsequently. The enunciations will be set according to Euclid. Abbreviations for words may be used, but not the algebraical symbols + , and - , or indices.

(The definitions, axioms, postulates, enunciations, as required will be found in Todhunter's Euclid.)

ENGLISH.

1. *Composition*: Nothing but an essay will be required; this shall be dealt with rather as a test of the Candidate's power of English composition than as a proof of his knowledge of the subject written upon. Legible writing and correct spelling and punctuation will be regarded as indispensable, and special attention will be paid to the structure of sentences and paragraphs. The Examiner will allow a choice of subjects, some of which must be based on the prescribed selections, with which the candidate is expected to familiarize himself by careful reading.—One paper of $1\frac{1}{2}$ hours.

1895 { SCOTT, Kenilworth.
GOLDWIN SMITH, Cowper. English Men of Letters
Series.

2. *Grammar and Rhetoric*: The examination will be chiefly on passages not prescribed.—One paper $1\frac{1}{2}$ hours.

3. *Poetical Literature*: Intelligent comprehension of and familiarity with the prescribed texts will be required.

1895. TENNYSON: Recollections of the Arabian Nights, The

Poet. The Lady of Shalott, The Lotos-Eaters, Mort d'Arthur, The Day-Dream, the Brook, The Voyage, The Holy Grail.

IN ENGLISH.

The following text books are recommended :

Welsh's English Composition.
Public School Grammar.

In lieu of the English, the following will be the French equivalents for French speaking candidates :

FRENCH.

1. *Composition* : On n'exigera qu'un essai, ayant pour but de montrer la manière d'écrire du candidat, plutôt que la science qu'il peut avoir du sujet traité. Une écriture lisible, une orthographe et une ponctuation correctes seront regardées comme indispensables, et l'on fera spécialement attention au style. Le candidat pourra choisir parmi plusieurs sujets, dont quelques-uns seront calqués sur les auteurs prescrits, avec lesquels il est censé s'être familiarisé par une lecture attentive.—Examen écrit de 1½ heure.

1895 { VEUILLLOT—Historiettes et Fantaisies.
 { LABRUYÈRE—Les Caractères, cc. 1, 2, 5, 6.

2. *Grammaire et Principes de Littérature* : L'Examen roulera surtout sur des passages non prescrits.—Examen écrit de 1½ heure.

3. *Poétique* : Les textes prescrits devront être bien compris du candidat et lui être familiers.

1895. CORNEILLE—Polyeucte.

IN FRENCH.

The following text books are recommended :

French Grammar, SENGLER.
Rhetoric, BOYLESVE.

HISTORY AND GEOGRAPHY.

ENGLISH SPEAKING STUDENTS.

1. (a) *English History*, from the Revolution of 1688 to the peace of 1815. (Green's History.)
 (b) *Roman History*, from the first Punic War to the death of Augustus.
 (One paper of 2 hours.)
2. (a) *Canadian History*.
 (b) *Geography* : Outlines of Physical and Mathematical Geography; Commercial and Physical Geography of Europe and America more particularly.
 (One paper of 2 hours.)

FRENCH SPEAKING STUDENTS.

1. (a) *Histoire de France*, depuis le règne de Louis XIV. jusqu'à la fin. (Chantrel.)
 (b) *Histoire Romaine*, depuis la première guerre punique jusqu'à la mort d'Auguste. (Drioux.)
 (Un papier de 2 heures.)
2. (a) *Histoire du Canada*. (Laverdière.)
 (b) *Géographie*. (Chase.)
 (Un papier de 2 heures.)

ELEMENTARY SCIENCE.

Botany: Spotton's High School Botany.

FRENCH.

1. (a) *Grammar*.
 (b) *Composition* : (1) Translation into French of short sentences as a test of the Candidate's knowledge of grammatical forms and structure, and the formation into French of sentences

of similar character; and (2) Translation of easy passages from English into French.

2. *Authors*: Translation of unspecified passages from easy French Authors. An Examination on the following texts:

1895 { SARDOU, *La Perle Noire*. (The Romance.)
 { DE MAISTRE, *Voyage autour de ma chambre*.

In lieu of the French the following will be the English for French speaking students.

ENGLISH.

1. (a) *Grammaire*: (Anglaise.)

(b) *Composition*: (1) Traduire du français en anglais quelques phrases assez courtes, qui montrent que le candidat sait appliquer les règles de la grammaire; construire quelques phrases anglaises du même genre. (2) Traduire en anglais quelques passages faciles de prose française.

2. *Auteurs*: Version tirée d'auteurs anglais faciles à comprendre et non connus d'avance. Examen sur les auteurs prescrits:

1895 { DICKENS—A Christmas Carol.
 { EDGEWORTH—Forester.

English Grammar: Lennie.

GERMAN.

1. (a) *Grammar*.

(b) *Composition*: (1) Translation into German of short English sentences as a test of the Candidate's knowledge of grammatical forms and structure, and the formation in German of sentences of similar character; and (2) Translation of easy passages from English into German.

2. *Authors*: Translation of unspecified passages from easy German Authors. An examination on the following texts:

1895 { RIEHL, Culturgeschichtliche Novellen ; Der stumme Ratsherr; Der Dachs auf Lichtmess; Der Leibmedicus.
SCHILLER, Der Taucher.

A student shall be entitled to Matriculate who has passed the Preliminary Examination, or who produces a certificate from the Acting Head of one of the affiliated Colleges, that he has been admitted in that College as a student for the University, or who has received in the University a standing equivalent to that given by the Preliminary or any higher Examination.

Only Matriculated Students shall be admitted to any Examination higher than the Preliminary Examination.

Candidates for the Preliminary Examination who present Second Class teachers' certificates obtained in Manitoba not earlier than 1885, shall be granted the desired standing, on their passing the subjects for the Preliminary Examination in Latin and in one of the following groups: (a) Greek; (b) French and German; (c) French and Botany; (d) German and Botany.

Students passing the Preliminary Examination may obtain from the Department of Education for Manitoba a Second Class non-professional Teacher's Certificate.

PREVIOUS EXAMINATION.

NOTE 1.—All English-speaking candidates for the Previous Examination must take the fixed subjects in Latin, Mathematics, English, History and Chemistry; and pass in one of the following groups: (a) Greek; (b) French and German; (c) French and Physiology; (d) German and Physiology.

NOTE 2.—Le Premier Examen pour les candidats de langue française embrasse le Latin, les Mathématiques, le Français, l'Histoire et la Chimie, et de plus. (a) soit le Grec; (b) soit l'Anglais et l'Allemand; (c) soit l'Anglais et la Physiologie; (d) soit l'Allemand et la Physiologie.

NOTE 3.—Candidates for the Previous Examination, who present First Class teachers certificates, obtained in Manitoba not earlier than 1885, shall be granted the desired standing on their passing the subjects for the Previous Examination in Latin and in one of the following groups: (a) Greek; (b) French and German; (c) French and Physiology; (d) German and Physiology.

CLASSICS.

1. *Latin*: (a) HORACE, Odes, Book I. (Omitting V., XIII., XIX, XXIII, XXV., XXXIII).
 (b) SALLUST, *Catiline*.
 CICERO, *Pro Lege Manilia*.
 (c) Grammar and Composition.
 2. *Greek*: (a) HOMER; *Iliad*, Book IV.
 (b) DEMOSTHENES, *Phillipic* I.
 PLATO, *Laches*.
 (c) Grammar and Composition.
-

MATHEMATICS.

1. *Algebra*: The Algebra prescribed for the Preliminary Examination together with Cube Root, Quadratic Equations, Ratio, Proportion, Variation, and the Progressions. (C. Smith's *Elementary Algebra* inclusive of the whole of chapter 28.)
2. *Euclid*: Definitions and Books I., II., III. Book V., Definitions; Book VI., Props. 1, 2, 3, A, 4, 33. (Todhunter, Pott or McKay.

Euclid's definitions will be required, and no axioms or postulates except Euclid's may be assumed unless in the case of the 12th axiom.

The actual proof of propositions as given in Euclid will not be required but no proof of any proposition occurring in Euclid will be admitted, in which use is made of any proposition, which in Euclid's order occurs subsequently. The enunciations will be set according to Euclid. Abbreviations for words may be used, but not the algebraical symbols + and —, or indices. (The definitions, axioms, postulates, enunciations as required will be found in Todhunter's Euclid.)

3. *Trigonometry*: Up to and including the solution of Plane Triangles. (Hamblin Smith.)

ENGLISH LANGUAGE AND LITERATURE.

1. Critical reading of the following :

1895. *Shakespeare* : Merchant of Venice.
 Richard ~~III~~. II
 King Lear.

2. (a) *Rhetoric and Composition* : The reading of selected prose Authors in connection with the investigation of rhetorical principles, along the lines of the text prescribed for the Preliminary Examination. (Text book. Genung's Introduction to English Composition.

- (b) An essay will be required on one of a number of assigned subjects which will be based on the works prescribed in prose literature.

1895 { The following representative essays : Irving, Mutability of Literature ; Lamb, Imperfect Sympathies ; De Quincey, Conversation ; Emerson, Compensation ; Arnold, Sweetness and Light ; Morley, Popular Culture (Published by Putnam, N.Y.)

In lieu of the above English the following will be the French equivalent for French speaking students :

LITTÉRATURE FRANÇAISE.

1. Etude critique de quelques pièces choisies de Corneille et de Racine.
(The selections for 1895 have not yet been made.)
2. *Principes de Littérature et Composition* (a) Lire quelques prosateurs choisis, et voir comment les principes y sont appliqués, mais sans sortir des limites du cours de littérature prescrit pour l'Examen Préliminaire. (b) On exigera un essai, laissant au candidat le choix entre plusieurs sujets qui lui seront assignés, et qui tous seront calqués sur les prosateurs prescrits.
(The prose Authors for 1895 have not yet been selected)

HISTORY.

For English speaking Students.

History of England: Green, Chapters I., III., VII., and IX.

For French speaking Students.

Histoire de France: Chantrel.

FRENCH.

1. *Grammar and Composition*: Writing easy French from dictation; Translation from English into French; Translation of unspecified passages from easy modern French prose.
 2. An examination on prescribed texts.
- 1895 { SOUVESTRE, Un Philosophe sous les toits.
LABICHE, Le Voyage de Monsieur Perrichon.

In lieu of above French the following will be the English for French speaking students :

ANGLAIS.

1. *Grammaire et Composition* : Ecrire à la dictée de l'anglais facile ; traduire du français en anglais ; traduire de l'anglais en français certains passages tirés de prosateurs modernes faciles à comprendre et non connus d'avance.
2. Examen sur les auteurs prescrits.

1895 { DICKENS—Nicholas Nickleby (Belin.)
 { ADDISON—Sir Roger de Coverley. (English Classic Series.)

GERMAN.

1. *Grammar and Composition* : Writing easy German from dictation ; Translation from English into German ; Translation of unspecified passages from easy modern German prose.
2. An examination on prescribed texts.

1895 { FREYTAG—Die Journalisten.
 { SCHILLER—Die Belagerung von Antwerpen.

NATURAL SCIENCE.

1. *Chemistry* : Remsen's Briefer Course.
2. *Physiology* : Huxley's Elementary Lessons.

JUNIOR AND SENIOR B. A. YEARS.

After completing the Previous Year a student may proceed to a Degree in Arts by pursuing either one of two courses, viz :

- A. The general course for the B. A. Degree.
- B. Some special branch of study for the B. A. Degree.

No student will be admitted to the Senior B. A. Examination until, at least, two years after passing the Previous Examination.

A.—GENERAL B. A. COURSE.

DIVISION A.

NOTE 1.—Candidates for this Examination must take the fixed subjects in Latin, Mathematics, English, Natural Science, Mental and Moral Science, and in one of the following groups : (a) Greek, (b) French and German.

NOTE 2.—Statics and Hydrostatics are to be taken at the Junior B. A. Examination. All other subjects are to be taken in alternate years, commencing with the Examination of May, 1894.

CLASSICS.

Latin : Grammar and Prose Composition.
LIVY, Book I.
CICERO, De Senectute.

Greek : Grammar and Prose Composition.
AESCHYLUS, Prometheus Vincetus.
LUCIAN, Charon and Vita.

MATHEMATICS.

Statics : The Composition and Resolution of Forces acting in one plane at a point ; Parallel Forces ; Forces acting in one plane on a rigid body ; the Mechanical Powers ; the Properties of the Centre of Gravity. (Hamblin Smith.)

Hydrostatics: The Pressure of non-elastic Fluids ; Specific Gravity, the Properties of elastic Fluids, and the principal instruments and machines whose action depends on the properties of fluids. (Hamblin Smith.)

MODERN LANGUAGES.

English—For English-speaking Students.

CHAUCER, The Squire's Tale.
 SPENSER, Faerie Queen, Book I, Cantos I and II.
 COWPER, The Task, Book IV.
 GENUNG, Rhetoric, Part I.

French—For French-speaking Students.

MOLIERE, Le Misanthrope.
 CORNEILLE, Les Horaces.
 RACINE, Les Plaideurs.
 CHANTREL, Style et Composition.

French—For English-speaking Students.

- (a) Grammar ; Writing easy French from dictation. Translation from English into French. Translation of unspecified passages from easy modern French Prose.
- (b) CORNEILLE, Le Cid.
 EMILE DE BONNECHOSE, Lazare Hoche, Part I.

English—For French-speaking Students.

- (a) Les élèves de langue française écriront une dictée anglaise, un thème anglais, et une version anglaise facile.
- (b) COWPER, The Task, Book IV.
 LAMB, Essays of Elia, First Series. First seven and last seven Essays.

German: (a) Grammar ; Writing easy German from dictation ; Translation from English or French into German ; Translation of unspecified pas-

- sages from easy modern German Prose.
 (b) LESSING, *Minna von Barnhelm*.
 GOETHE, *Egmont*.
-

NATURAL SCIENCE.

Physics: Two papers.

MENTAL AND MORAL SCIENCE.

Logic: Hill's *Jevons*.

Metaphysics: Hamilton's *Lecture*.

For French Students.

Logique: FONSEGRIVE.

Métaphysique: FONSEGRIVE.

There shall be 16 papers set in this Examination, for each of which three hours shall be assigned unless otherwise specified: viz: 2 in Latin, 2 in Greek, 2 in Mathematics, 2 in English, 2 in French, 2 in German, 2 in Physics, 1 in Logic and 1 in Metaphysics.

DIVISION B.

NOTE 1.—Candidates for this Examination must take the fixed subjects in Latin, English, Natural Science, Mental and Moral Science, Political Economy, and in one of the following groups: (a) Greek, (b) French and German.

NOTE 2.—Political Economy is to be taken only at the Senior B. A. Examination. All other subjects are to be taken in alternate years, commencing with the Examination of May, 1895.

CLASSICS.

Latin: Grammar and Prose Composition.

HORACE, *Satires* 1 and 5.

OVID, *Fasti*, Book I.

VIRGIL, *Georgics*, Book I.

Greek: Grammar and Prose Composition.

HOMER, *Odyssey*, Book IX.

DEMOSTHENES, *Philippic II.*

MODERN LANGUAGES.

English—For English-speaking Students.

WORDSWORTH, *Excursion*, Book I.

TENNYSON, *The Passing of Arthur*. *The Coming of Arthur*.

GENUNG, *Rhetoric*, Part II., and *Handbook of Rhetorical Analysis*. One paper of 2 hours.

French—For French-speaking Students.

BOILEAU, *Satire*.

RACINE, *Iphigénie*.

CHANTREL, *Rhétorique*. One paper of 2 hours.

French—For English-speaking Students.

(a) Grammar; Writing French from dictation; Translation from English into French; Translation of unspecified passages from easy modern French prose.

(b) LA FONTAINE, *Fables*, Livres I. et II.

EMILE SOUVESTRE, *Une Philosophie sous les toits*.

English—For French-speaking Students.

Les élèves de langue française écriront une dictée anglaise, un thème anglais et une version anglaise facile.

WORDSWORTH, *Excursion*, Book I.

IRVING'S SKETCH BOOK, *Six Essays*. Ginn & Co.

German: (a) Grammar; Writing German from dictation; Translation of unspecified passages from easy modern German prose; Translation from English or French into German.

(b) SCHILLER, *Wilhelm Tell*.

GOETHE, *Herman and Dorothea*.

NATURAL SCIENCE.

Zoology : Ramsay. Wright.

Geology : Elementary Text Book. Dana.

MENTAL AND MORAL SCIENCE.

Ethics : CALDERWOOD.

{ *Political Economy* : LACHLIN'S Mill.

{ *English Constitution* : BAGEHOT.

For French-speaking Students.

Morale : FONSEGRIVE.

{ *Economie Politique* : HERVÉ-BAZIN.

{ *Constitution Brittannique* : Conférences du Juge Dubuc.

There shall be 14 papers set in this Examination, for each of which three hours shall be assigned unless otherwise specified; viz: 2 in Latin, 2 in Greek, 2 in English, 2 in French, 2 in German, 2 in Natural Science, 1 in Ethics, and 1 in Political Economy.

B.—SPECIAL COURSES FOR THE B. A. DEGREE.

For the convenience of those students who are desirous of obtaining a more thorough knowledge of some one department than is afforded by the General B. A. Course, the following Honor Courses of Study have been drawn up and adopted by the University Council.

All candidates proceeding to the Degree of B. A. by any Honor Course must satisfy the Examiners in the following subjects with the provisos hereinafter mentioned, viz:

Statics.

Hydrostatics.

Physics.

Ethics.

Logic.

Trigonometry will also be required of candidates who have not passed in that subject at the Previous Examination.

(a) Candidates must take at least three of the above subjects at the Junior Examination and the remainder at the Final Examination.

(b) The papers in Trigonometry, Statics and Hydrostatics will not be required of candidates taking the Honor Course in Mathematics.

(c) The paper in Physics will not be required of students taking the Honor Course in Natural Science.

(d) The papers in Ethics and Logic will not be required of students taking the Honor Course in Mental and Moral Science.

These Honor Courses are five in number, viz: I., Classics; II., Mathematics; III., Modern Languages; IV., Natural Science; V., Mental and Moral Science.

Each course is divided into two parts, one for the Junior and the other for the Senior B.A. Examination.

Except in the department of Honor Mathematics, a candidate must obtain 67 per cent of the total marks in any course in order to receive First Class Standing, 50 per cent for Second Class, and to obtain Third Class Standing he must obtain 40 per cent.

For the marks required for classification in Mathematics students will consult that department.

Except in the Classical and Mathematical courses Third Class Standing will be given to candidates obtaining above 40 per cent in the first parts only of both Divisions of any of these courses. In the Classical course Third Class Standing will be granted to candidates who obtain 40 per cent on Division A.

I.—CLASSICS.

DIVISION A.

PART I.

- 1 { CICERO : De Senectute.
LIVY : Book I.
VIRGIL : Æneid, Books VI.-IX.
HORACE : Odes, Book III.; Epistles 1, 2, 3.

- 2 { LUCIAN : Charon and Vita.
HOMER : Iliad, Books III. and VI.
ÆSCHYLUS : Prometheus Vincetus.
XENOPHON : Memorabilia, Book I.

- 3 { PLINY : Letters 1, 2, 3, 4, 5, 6, 59, 90, 91.
JUVENAL : Satire X.
THUCYDIDES ; Book I.
PLATO : Phædo.

PART II.

- 4 { CICERO : Pro Milone.
VIRGIL : { Georgics : Book I.
Bucolics : Ecl. 1, 3, 4, 6, 7, 9.
HORACE : Ars Poetica ; Satires 1 and 5.

- 5 { HERODOTUS : Book I, Cap. 1—100.
ST. CHRYSOSTOM : Flavian.
HOMER : Odyssey, Books IX and XXIII.
EURIPIDES : Medea.

- 6 { ST. AUGUSTINE : Confessions, Book VIII.
OVID : Fasti, Book I.
DEMOSTHENES : Philippic II.
SOPHOCLES : Ajax.

7 Latin Grammar and Latin Prose Composition.

8 Greek Grammar and Greek Prose Composition.

- 9 { Student's Roman History. (Smith.)
Student's Greek History. (Smith.)
or
Histoire Romaine. } (Chantrel.)
Histoire Grecque. }

DIVISION B.

- 10 { PLAUTUS : Aulularia.
 TERENCE : Andria.
 TACITUS : Annals, Book I.
 TERTULLIAN : Apologia, Sec. 1-4 incl.
- 11 { ARISTOTLE : Ethics, Book I.
 ARISTOPHANES : The Birds.
 THEOCRITUS : 1, 2, 3, Idylls.
- 12 Unspecified Latin Authors.
13. Unspecified Greek Authors.
14. Latin Grammar.
15. Greek Grammar.
16. Latin Prose Composition.
17. Greek Prose Composition.
- 18 { Grecian History : Peloponnesian War—Curtius.
 Roman History : From the Gracchi to the Fall of
 the Republic—Merivale ; or
 Rollin, sur les mêmes sujets en Histoire Grecque et
 Romaine.

Three subjects in translation of the selected authors of either the 1st or 2nd Part of Division A, along with the papers on Grammar, Composition and History of the 2nd Part, may be taken one year after the regular Previous Examination.

The remaining subjects cannot be taken sooner than two years after said Previous Examination.

Eighteen papers of three hours each, corresponding to the numbers given above, must be taken for First-Class standing. Division A alone will entitle the candidate to Third-Class standing.

II.—MATHEMATICS.

DIVISION A.

PART I.

1. *Geometry*—Euclid—Books I. to VI., omitting the Propositions of Book V., and Propositions 27, 28, 29 of Book VI.; Book XI., Propositions 1 to 21; Book XII., Propositions 1 and 2. (Potts or Todhunter.)

Conic Sections—The Elementary parts treated Geometrically, together with the values of the Radius of Curvature and of Chords of Curvature passing through the focus and centre. (Drew.)

2. *Arithmetic* and the Elementary parts of Algebra—The Elementary parts of Algebra shall be the rules for the fundamental operations upon Algebraical Symbols, with their proofs; the Solution of Simple and Quadratic Equations, Arithmetic, Geometric and Harmonic Progressions, Ratio, Proportion and Variation, Permutations and Combinations, the Binomial Theorem, and the Principles of Logarithms. (C. Smith's Elementary Algebra.)

Plane Trigonometry—The Elementary parts, so far as to include the Solution of Triangles, Areas, and the properties of the inscribed, escribed and circumscribed circles and polygons. (Hamblin Smith.)

3. *Statics*—The Elementary parts, namely: The Composition and Resolution of Forces acting in one plane at a point, Parallel Forces, Forces acting in one plane on a rigid body, the Mechanical Powers and the Properties of the Centre of Gravity. (Todhunter's Mechanics for Beginners.)

Dynamics—The Elementary parts, namely: The Doctrine of Uniform and Uniformly Accelerated Motion of Falling Bodies, Projectiles, and Collision. Omitting Chapter 17 to the end, being the Chapters on Work, D'Alembert's Principle, Moment of Inertia, Motion round a fixed axis, and Miscellaneous Theorems. (Todhunter's Mechanics for Beginners.)

PART II.

4. *Algebra* — The higher parts, not including Properties of Numbers, Diophantine Analysis and Probabilities, but in-

cluding Logarithms, Theory of Equations and Determinants. (Hall and Knight's Higher Algebra, omitting Chapters 29, 30, 31 and 32.)

5. *Trigonometry* — Plane and Spherical. (Todhunter.)
6. *Analytical Geometry* — Plane. (C. Smith, Chapters I-IX inclusive.)
7. *Problems* on all subjects of Parts I. and II., Div. A.

DIVISION B.

PART I.

8. *Hydrostatics* — The elementary parts, viz : The Pressure of non-Elastic Fluids, Specific Gravities, Floating Bodies, the Pressure of the Air, and the construction and use of simple instruments and machines. (Besant's Elementary Hydrostatics, Chap. I-VII. incl.)
- Optics* — The elementary parts, viz : The Laws of Reflection and Refraction of Rays at Plane and Spherical Surfaces, not including aberrations ; the Eye ; Telescopes. (Parkinson, chapters 1, 5, 9, 10, 11, omitting for Part I., Division B, the articles requiring a knowledge of Part II., Division B.)
9. *Newton's Principia* — The First, Second and Third Sections — the propositions to be proved in Newton's manner. (Main's Edition of Evan's Newton.)
- Astronomy* — The Elementary parts, so far as they are necessary for the explanation of the more simple Phenomena. (Main's Introduction.)
10. Problems on all subjects of Part I. of Divisions A. & B.

PART II.

11. *Differential Calculus*. — (Todhunter.)
12. { *Integral Calculus*. — (Todhunter, Caps. 1, 2, 3, 5, 6, 7, 8.)
 { *Solid Geometry*. — (C. Smith, Caps. I. to V. inclusive.)
13. *Statics*. — Todhunter's Analytical Statics, 5th Ed., Caps. 1 to 10 inclusive, and the catenary in Cap. 11.

Geometrical Optics—Parkinson, omitting the following portions: Cap. VI.; articles 128 to 134 of Cap. VII.; articles 145, 146, 150 of Cap. VIII.; articles 160-163 of Cap. IX.; and article 256, Cap. X.

14. *Hydromechanics*—(Besant, Part I. Ed., 1883, Caps. I. to VII. inclusive, omitting Art 36. page 44.)

Dynamics—(Tait and Steele's Dynamics of a particle, Caps. I.-V. inclusive.)

15. Problems on all subjects of Part II. of Divisions A. & B.

For this examination there shall be fourteen papers of three hours each, corresponding to the numbers given above.

Each of the papers on specified subjects in Part I. of both Divisions shall be valued at 200 marks, and in Part II. of both Divisions at 500 marks. In Part II. Division B, paper 13, 300 marks are given for Statics and 200 for Optics.

The problem paper in Part I. shall be valued at 400 marks, and in Part II. at 1000.

The number of marks required for First Class shall be 2,600, for Second Class 1,800, and for Third Class 400 in Part I., and 1,200 in Parts I. and II. together.

No paper in Division B can be taken in the Junior B.A. year.

III.—MODERN LANGUAGES.

DIVISION A.

1896 AND EVERY ALTERNATE YEAR.

1 { CHAUCER: The Squire's Tale.
SPENSER: Faerie Queen.
SHAKESPEARE: The Merchant of Venice; Richard III.
English Prose Composition.

2 { BACON'S Essays, XXXV.-LV.
POPE: Dunciad, Book IV.
COWPER: The Task, Book IV.
English Prose Composition.

- 3 { FENELON : Dialogues sur L'Eloquence.
 CHANTREL : Style, Art I. and II.
 EMILE DE BONNECHOSE : Lazare Hoche, Part I.
 French Prose Composition.

- 4 { RACINE : Britannicus.
 CORNEILLE : Le Cid.
 MOLIERE : Le Misanthrope.
 French Prose Composition.

- 5 { LESSING : Minna von Barnhelm.
 CHAMISSE : Peter Schlenihl.
 German Prose Composition.
 German Grammar.

- 6 { SCHILLER : Egmont's Leben und Tod.
 GOETHE : Egmont.
 GOETHE : Iphigenia auf Tauris.

- 7 { GOSTWICK & HARRISON : Literature, Periods I. and II.
 German Prose Composition.
 German Grammar.

DIVISION B.

1895 AND EVERY ALTERNATE YEAR.

- 8 { LAMB : Essays of Elia ; First Series, first seven and last
 seven Essays.
 MACAULAY : Essay on Milton.
 English Prose Composition. (An essay to be written
 on a prescribed subject.)

- 9 { WORDSWORTH : Excursion, Book I.
 TENNYSON : Enid.
 English Prose Composition.
 Bain's Composition, Part II.

- 10 { Craik's English Literature : Third English Period.
 Craik's English Language: History of English Language.
 Ethnology : Taylor's Origin of the Aryans.

- 11 { BOSSUET : Oraison Funébre de Henriette de France.
 EMILE SOUVESTRE : Un Philosophe sous les toits.
 LA BRUYERE : Caractères, Chaps. I. and II.
 French Prose Composition.
- 12 { BOILEAU : L'Art Poétique.
 LA FONTAINE : Fables, Livres I. and II.
 Poesie Française au Canada, Compilation par Louis H.
 Taché. (Extracts.)
 French Prose Composition.
- 13 { CHANTREL : Litterature, (Poétique.)
 GUERUZEZ : Litterature.
 BRACHET : Grammaire Historique, Introduction et
 Livre I.
- 14 { GOETHE : Hermann and Dorothea.
 SCHILLER : Wilhelm Tell.
 GOETHE : Faust, Part I.
 German Grammar.
- 15 { GOSTWICK AND HARRISON : Literature, 7th Period.
 German Prose Composition.
 German Grammar.

This examination shall consist of 15 papers of three hours each. All candidates shall further be examined orally in each of the three languages.

IV.—NATURAL SCIENCE.

DIVISION A.

1. *Chemistry—Inorganic* : With Laboratory practice.
2. *Qualitative Inorganic Analysis*.
3. *Physics* : Elementary Physics, with more particular attention paid to some selected department.
4. *Physical Crystallography*.
5. *Botany* : Elements of Structural Botany, with Practical work with the microscope. (Bessey's or Gray's Manual. Strassberger and Hillhouse's Practical Botany.)
6. *Zoology* : (Packard.)

DIVISION B.

PART I.

1. *Chemistry* : (a) Inorganic and Organic, with Laboratory practice.

(b) The Chemical Laws of Mass and Energy.

(c) Chemical Analysis—Qualitative and Quantitative.

2. *Mineralogy* : Descriptive and Determinative. (Bauer-
man's Descriptive Mineralogy ; Brush's or Chapman's Tables.)

3. *Geology* : including the Elements of Lithology. (Dana's
Manual.)

(a) *Principles and Elements of Lithology* (Dana's
Manual.)

(b) *Stratigraphical*—with special reference to local forma-
tions. (Dana's Manual, Dawson's Handbook of Canadian Geo-
logy and Reports of the Geological Survey of Canada.)

(c) *Palæontology* : Nicholson.

4. *Systematic Botany* : Bessey and Gray.

This examination shall consist of eighteen papers, includ-
ing the practical examinations, as follows: In Division A—
Three in Chemistry, two in Physics, one in Mineralogy, two
in Botany, and one in Zoology ; in Division B—Three in Che-
mistry, two in Mineralogy, one in Palæontology, two in Geo-
logy, and one in Botany.

A candidate may appear for examination in the subjects
of Division A one year after the regular Previous Examina-
tion at which he first attended. The subjects of Division B
cannot be taken sooner than two years after the said Previous
Examination. The subjects of the two Divisions, A and B,
may be taken together at the end of two years.

There shall be three classes, and the successful candidates
shall be arranged in the classes in order of merit, but where
the difference of marks is small the names may be bracketed.

V.—MENTAL AND MORAL SCIENCE.

ENGLISH COURSE.

DIVISION A.

1896 AND EVERY ALTERNATE YEAR.

PART I.

Logic : Thomson's Outlines.*Ontology* : Locke.*Psychology* : Baldwin.*Natural Theology* : Janet's Final Causes.

PART II.

Logic : Mill.*Ontology* : Kant's Critique.*Psychology* : Hamilton's Metaphysics.*Natural Theology* : Flint's Anti-Theistic Theories.

DIVISION B.

1895 AND EVERY ALTERNATE YEAR.

PART I.

History of Philosophy : Schwegler.*Political Economy* : Walker's Political Economy, and
Bagehot's English Constitution.*Ethics* : Calderwood.*Ethics* : Dugald Stewart.

PART II.

History of Philosophy : Morell.*Political Economy* : Mill.*Ethics* : Janet's Theory of Ethics.

Ethics: Sidgwick's History of Ethics.

In this Examination sixteen papers of three hours each shall be set. One paper in each subject.

LATIN COURSE.

DIVISIONS A AND B.

PART I.

ZIGLIARA.—Summa Philosophica.

ROSELLY.—Philosophia Divi Thomæ.

VALLET.—Prælectiones Philosophicæ.

HILL.—Elements of Philosophy.

LIBERATORE.—Logica et Metaphysica.

DR. T. OLIVIER.—Traité Élémentaire d'Economie Politique.

BOSSUET.—Connaissance de Dieu. Logique de Port Royal.

SANSEVERINO.—Philosophia Christiana.

LE PLAY.—La Reforme Sociale.

RUSSO.—Summa Philosophica. De Philosophia Morali
Prælectiones.

PART II.

KLEUTGEN.—Philosophie Scholastique.

SIGNORIELLO.—Ethica.

JOSEPH DE MAISTRE.—Soirées de St. Petersburg.

HILL.—Ethics.

JOUIN.—Philosophia Moralis.

VALLET.—Histoire de la Philosophie.

CHARLES PERIN.—Les Richesses.

HERVE-BAZIN.—Economie Politique.

LIBERATORE.—Connaissance Intellectuelle. 1

SCHEDULE OF THE MENTAL AND MORAL SCIENCE COURSE.

1.—LOGIC.

FORMAL.—*Conception.*—Cognition in General; Intuition and Conception; Formation of Conceptions; Genus, Species and Individual; Extension and Intention; Division, Definition and Denomination; General Notions.

Judgment.—Nature and relation of Judgments: two predicable classes—various kinds of Judgment; quantity, modality, distribution of terms; intention and extension of Judgments.

Syllogism.—Nature of Syllogism; Opposition; Conversion of Judgment; Privative Syllogism; General Principles of Mediate Inference; the four figures and their rules; modes of Syllogism; disjunction of Syllogism; the Sorites; the Dilemma.

APPLIED.—Criterion of Truth; Induction and Deduction; Degrees of Belief; Defective Syllogism; Syllogisms of Analogy, Chance and Classification; Fallacies; Categories; Definition and Division; Division of Sciences; Method.

2.—ONTOLOGY AND COSMOLOGY.

Cause and Effect, Identity and Diversity, Substance, Quantity, Quality, Relation, Body, Power, Time, Space, Infinity, Laws of Nature.

3.—PSYCHOLOGY.

Consciousness, Sensation, Perception, Memory, Imagination, the Will, the Emotions and Affections.

4.—NATURAL THEOLOGY.

The Existence of God, the Attributes of God, Creation, Preservation and Providence.

5.—HISTORY AND PHILOSOPHY.

ANCIENT.—*Pre-Socratic*.—Ionians; Pythagoreans; Eleatics; Atomists, and the Sophists.

Socratic.—Socrates and his immediate School, An-
thistenes, Aristippus, Euclid.

Post-Socratic.—Plato, Aristotle, Epicureanism,
Stoicism, Scepticism, Neo-Platonism, Gnosti-
cism, Early Christian Philosophy.

MEDIÆVAL.—Scotus Erigena; Nominalism; Roscelin; Real-
ism; Anselm; Thomas Aquinas; Bonaventura;
Albert Le Grand; Duns Scotus.

MODERN.—*Various Schools and their representatives* :

Empiricism. Bacon, Hobbes, Locke.

Spiritualism. Descartes, Spinoza, Leibnitz, Male-
branche, Berkeley.

Scepticism. Hume.

Electicism. Cousin, Jouffroy.

The Scotch School. Reid, Brown, Mackintosh.

6.—POLITICAL ECONOMY.

INDUSTRIAL ECONOMY.—Wants, Requisites of Production, In-
vention, Labor, Capital, Association, Exchange,
Money, Barter, Price of Commodities, Credit, Rent
of Land.

SOCIAL ECONOMY.—Progress of National Prosperity, Support
and Influence of Government, Protection and Free
Trade, Various Modes of Taxation, Progress of
Society.

THE BRITISH CONSTITUTION.

7.—ETHICS.

Definition of an Action.

The End in Human Actions.

The Moral Quality of the Act.

Conscience.
 Duties to God.
 Duties arising out of the Domestic Relations.
 Personal Rights.
 Law—on what founded.
 Theories of the State.
 Internal Organization of the State.
 Duties to the State.
 Foreign Relations of the State.

ADDITIONAL SUBJECTS FOR SECOND PART.

Logic, Language, Consciousness, Sensation, Evidence.

Psychology, the nature of the Soul, its union with the body,
 its origin, its immortality.

History of Philosophy, Oriental Philosophy; Egypt, Persia,
 India, Brahmanism, Buddhism, China, Confucius—
 Lao Tseu.

Empiricism—Condillac, Helvetius, D'Holbach.

Positivism—Comte, Mill, Bain.

The German School—Kant, Fichte, Schelling, Hegel.

The Scotch School—Hamilton.

The Italian School—Gerdil, Rosmini, Gioberti.

The Traditional School—DeMaistre, DeBonald, Schlegel, De-
 Laménais.

Faculty of Medicine.

The following are the requisites for proceeding in course to admission to the degrees of Doctor of Medicine and Master of Surgery :

DOCTOR OF MEDICINE.

1. Having presented documentary evidence to the Registrar that the applicant is a Bachelor or Doctor of Medicine of some recognized University in Her Majesty's Dominions, or

2. Either having passed the Preliminary or Previous Examinations of this University, or the Medical Matriculation examination of a University recognized by the University of Manitoba, or having fulfilled the requirements hereinafter specified in the entrance examination, or having presented certificates to the Registrar of equivalent or higher standing in some recognized University in Her Majesty's Dominions, and having complied with the other requirements hereinafter specified.

MEDICAL ENTRANCE.

1894.

NOTE.—The Authors in Classics and Modern Languages will change from year to year to correspond with the changes in these subjects for Preliminary Examination.

COMPULSORY SUBJECTS.

1. *Latin* : 1895 ; CÆSAR, *Bellum Gallicum* V., VI.
2. *Latin* : 1895 ; VIRGIL, *Æneid*, II.
3. (a) *Canadian History*.
 (b) *Geography* : Outlines of Physical and Mathematical geography ; Commercial and Physical Geography of Europe and America more particularly.
4. *English Composition and Prose Literature*. (Preliminary Examination.)

1895 { SCOTT, Kenilworth.
GOLDWIN SMITH, Cowper, (English Men of Letters Series.)

5. *English Grammar and Rhetoric.* The examination will be chiefly on passages not prescribed.
6. *Arithmetic.* (Hamblin Smith.)
7. *Algebra.* (C. Smith's Elementary.) For amount of work covered consult the regulations governing Preliminary Examination.
8. *Euclid.* Bk. I. and II. (For particulars consult the regulations governing Preliminary Examination.
9. *Physics.* (Balfour Stewart's Elementary.)
- 10.—*Botany.* (Spotton's High School Botany.)

OPTIONAL SUBJECTS.

In addition to the above one of the following subjects will be required of all candidates :

11. *Poetical Literature.*

1895. TENNYSON — Recollections of the Arabian Nights, The Poet, The Lady of Shalott, The Lotos-Eaters, Morte d'Arthur, The Day Dream, The Brook, The Voyage, The Holy Grail.

12. *History.* (a) English History from the Revolution of 1688 to the Peace of 1815.

(b) Roman History from the First Punic War to the Death of Augustus.

13. *French:* 1895, SARDOU, La Perle Noire (The Romance.)

14. *Greek:* XENOPHON, Anabasis, V.

15. *German:*

1895 { RIEHL: Culturgeschichtliche Novellen; Der stumme Rathsherr; der Dachs auf Lichtmess; Der Leibmedicus.

16. *Mechanics:* Todhunter's Mechanics, Part I.

There shall be sixteen papers set in this examination, corresponding to the numbers given above, of which the student shall take eleven, for each of which three hours shall be assigned, unless otherwise specified. (See Syllabus of Preliminary Examination.)

This Entrance Examination shall be held twice a year, viz: towards the end of September, and at the time of the regular examinations in May. There shall be no supplemental examinations granted except at these dates. Only Matriculated Students shall be allowed to present themselves for any examination higher than the Entrance.

In place of the above Entrance Examination, the University has agreed to accept the Matriculation of the Colleges of Physicians and Surgeons of the Provinces of Quebec and Ontario; The Medical Students' Registration Certificate of the Medical Council of Great Britain and Ireland; the non-professional second-class Teacher's Certificates of Manitoba, Ontario and of the Northwest Territories; also the Ontario High School Intermediate and Junior Leaving Examinations, except that the Latin and the Compulsory Natural Science of the Entrance Examination of this University must be taken by those who have not taken these subjects in the said High School or Teacher's Examination.

Holders of Certificates of educational value from other institutions than those mentioned will receive such standing as the Council of the University may see fit to grant

A Bachelor of Arts of any University in Her Majesty's Dominions is admitted to the Study of Medicine without further examination.

After undergoing the Entrance Examination, the candidate shall pass three examinations before taking his degree, viz: Primary, Intermediate and Final.

PRIMARY.

Prior to a student presenting himself for his Primary Examination he shall produce tickets sufficiently certified from some University, College or School, recognized by the Uni-

versity of Manitoba, for two full courses of 100 lectures each (except as hereinafter limited) extending over two full winter sessions of six months each, upon the following subjects:

1. *Anatomy.*
2. *Practical Anatomy.* (Two full dissections, extending over two winter sessions.)
3. *Physiology.*
4. *Histology.* (Two courses, each twenty-five lectures with demonstrations.)
5. *Materia Medica and Therapeutics.*
6. *General Chemistry.*

On these tickets being accepted, he shall be required to satisfy the examiners in each of the subjects named.

INTERMEDIATE.

Prior to a student presenting himself for his Intermediate Examination he shall produce tickets sufficiently certified, from some University, College or School, recognized by the University of Manitoba, for one course of fifty lectures (except as hereinafter limited) extending over one winter session of six months upon the following subjects :

1. *Surgical Anatomy.* (Thirty-five lectures.)
2. *Practical Chemistry.*
3. *Medical Jurisprudence and Toxicology.*
4. *Sanitary Science.*

On these tickets being accepted, he shall be required to satisfy the Examiners in each of the subjects named.

FINAL.

Prior to a student presenting himself for his Final Examination for M.D. he must lodge with the Registrar document-

ary evidence that he is of the full age of 21 years, and also produce tickets sufficiently certified from some approved School, for two full courses of 100 lectures each (except as hereinafter limited), in the following subjects:

1. *Medicine.*
2. *Surgery.*
3. *Obstetrics, and Diseases of Women and Children.*
4. *Clinical Medicine.* (Two courses of 50 lectures each.)
5. *Clinical Surgery.* (Two courses of 50 lectures each.)
6. *Pathology.* (One course of 35 lectures.)

On these tickets being accepted, he shall be required to satisfy the Examiners in each of the subjects named.

He shall also furnish documentary evidence of attendance for eighteen months, at some incorporated General Hospital, and also of six months' practice in a Lying-in Hospital or of having had equivalent obstetrical advantages, with a certificate of attendance upon at least six cases of labor; and in addition of having had three months' practice compounding medicine in a drug store or laboratory of an hospital, or of having attended twenty lectures in practical pharmacy at some Medical College or School recognized by the University of Manitoba.

The tickets (except the General Hospital ticket) for Final Examination must be all for attendance subsequent to the date, when the candidate presenting them, should have gone up for his Primary Examination, viz: after the termination of his second winter session of six months at College, and must extend over two full winter sessions of six months each.

In case of any student from another University taking *ad eundem statum* in this University, it shall be at the option of the Board of Studies to admit such student, even although the dates of his tickets may conflict with the foregoing regulations, but no student from another University can be admitted to the Final Examination unless he has attended one full six months' winter session, taking out all the final tickets

of a Medical School in this Province affiliated with this University.

When a student is a graduate in Arts of any recognized University in Her Majesty's Dominions he may complete his Medical course in three winter sessions of six months each; he shall not be compelled to produce tickets for more than one course in the subjects of General Chemistry, and Materia Medica and Therapeutics.

The tickets of such student in

Medicine,

Surgery,

Obstetrics and Diseases of Women and Children,

Medical Jurisprudence and Toxicology, and

Sanitary Science,

must all bear date subsequent to the end of his first full winter session at College. Honor graduates in Natural Science shall not be required to present tickets or pass an examination in Chemistry or Practical Chemistry.

By sufficiently certified tickets referred to in this Statute it is meant that each ticket shall have entered upon it the number of lectures delivered on the subject and the exact number of lectures attended by each student, and that each ticket shall be signed by the professor, and further that the student presenting the ticket shall have actually attended three-fourths of the whole number of lectures delivered on the subject. Such tickets must be lodged with the Registrar, by the candidate, at least five days before the beginning of the examination for which he intends presenting himself.

Each Lecture shall be of one hour's duration, and as far as practicable not more than one lecture shall be delivered on each separate day upon each subject.

In the case of candidates for license to practice Medicine, their application shall be referred to the College of Physicians

and Surgeons for Manitoba, and on that body giving a satisfactory certificate as to the education and practical training of such candidates, they shall be admitted to the regular examinations in all the subjects of the course in Medicine. In the case of candidates who desire to practice the Homœopathic system, special Examiners shall be appointed in *Materia Medica* and *Therapeutics*.

The Examinations shall be both *viva voce* and written, and the maximum of the *viva voce* examinations shall be estimated as ten per cent of the written.

There shall be one paper for pass and one for honors, in each subject, and the total value of each paper shall be one hundred marks. Forty per cent of the combined marks of the pass paper and oral examination in each subject shall be required to satisfy the Examiners.

The examination on Anatomy, Chemistry, Medicine, Botany, *Materia Medica*, and Pathology, shall be conducted as far as possible by demonstrations of objects placed before the candidates. The Examiners in Medicine shall be appointed by the Council on the nomination of the Board of Studies.

The time of Examination shall be at such time as may be fixed by the Board of Studies.

All Medical Degrees shall be conferred by the Council at its regular meetings, or at meetings specially called for that purpose.

MASTER OF SURGERY.

The additional qualification to that required for the M. D. Degree to obtain C. M., shall be to pass an examination in Operative Surgery and to write a Thesis in the presence of the Examiners on some assigned subject in Surgery.

TEXT BOOKS.

- Anatomy*.—Gray, Wilson, Quain (Eng. Ed.)
- Practical Anatomy*.—Heath's Dissector, Ellis' Dissector, Holden's Dissector and Landmark's.
- Inorganic Chemistry*.—Rose, Bloxham, Wilson.
- Organic Chemistry*.—Armstrong.
- Practical Chemistry*.—Odling, Attfield, Fresenius.
- Pharmacology and Therapeutics*.—Wood, Lauder Brunton, Scoresby Jackson, Whitla, Bruce, Garrod.
- Physiology*.—Kirkes, Yeo, Flint, Landois.
- Histology*.—Klein's Elements, Schafer's Essentials of Histology.
- Pathology*.—Green's Elements, Delafield, Sims Woodhead.
- Surgery*.—Ashurst, Erichsen, Treves, Walsham.
- Practice of Medicine*.—Flint, Roberts, Bristowe, DaCosta, Fagge, Loomis.
- Clinical Medicine*.—Graham Brown's Manual of Diagnosis, Finlayson's Manual.
- Clinical Surgery*.—Pearce Gould, Hutchinson's Clinical Lectures.
- Medical Jurisprudence*.—Husband, Guy and Ferrier, Reese.
- Midwifery*.—Galabin, Lusk, Playfair, Leishman.
- Gynecology*.—Edis, Goodell's Lessons, Thomas.
- Hygiene*.—Parkes, Wilson (Eng. Ed.)
- Ophthalmology*.—Nettleship, Soelberg Wells.
- Otology*.—Buck, Pritchard, Roosa.

THE COLLEGE OF PHYSICIANS AND SURGEONS OF MANITOBA.

This College is composed of every registered medical practitioner in the Province, and is the sole licensing body.

Its License to Practice is granted upon the certificate of the University of Manitoba that the holder is a graduate of said University by examination, or that the party applying is a licentiate of a College of Physicians and Surgeons, or of any other incorporated body of medical men exercising similar powers, in a Province of the Dominion where reciprocal rights are granted to the graduates of the University of Manitoba by examination.

By the Medical Act of 1886 all the examining powers which previously belonged to the College of Physicians and Surgeons were vested in the University of Manitoba.

Faculty of Law.

The following are the requisites for admission to the Degree of Bachelor of Laws:

1. Having presented documentary evidence to the Registrar that the applicant is a Bachelor of Laws, or Bachelor of Civil Law, of some recognized University in Her Majesty's Dominions:

Or,

2. Having passed the Entrance Examination hereinafter mentioned or having presented documentary evidence to the Registrar that the applicant has passed the Primary and First Intermediate Examination of the Law Society of Manitoba.

And,

- (a) Being of the standing of Three Years from the time of passing the Entrance Examination.
- (b) Having passed in each of those years the subjects hereinafter laid down for examination.
- (c) Being of the full age of twenty-one years.

Any person who is a graduate in Arts of any University in Her Majesty's Dominions, or who has been admitted a Barrister by the Law Society of Manitoba, may enter the Faculty of Law at the Second Year's Examination.

ENTRANCE EXAMINATION.

The subjects of this Examination shall be the same as those for the Preliminary Examination in Arts in the University of Manitoba. (See page 7.)

FIRST YEAR.

1. JEVON.—Logic.
 2. BALDWIN.—Psychology.
 3. BAGLHOT.—English Constitution.
 4. O'SULLIVAN'S Canadian Manual. Civil Polity.
 5. TASWELL-LANGMEAD.—Constitutional History.
 6. WILLIAMS.—Real Property.
 7. ANSON.—Contracts.
 8. SNELL.—Equity.
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SECOND YEAR.

9. MAY.—Constitutional History.
 10. TODD.—Parliamentary Companion for the Colonies.
 11. GIBBON.—Roman Law, Cap. 44 ; and
ARNOLD.—Roman Law, Caps. 13, 14, 16, 26.
 12. BEST.—Law of Evidence.
 13. UNDERHILL.—Law of Torts.
 14. LEITH.—Blackstone.
 15. FAWCETT.—Landlord and Tenant.—Real Property.
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FINAL YEAR.

16. JUSTINIAN.—(Sandar's Edition.)—Roman Law.
17. HALL.—International Law.

18. VON SAVIGNY.—International Law.
 19. BROOM.—Constitutional Law.
 20. MAINE'S ANCIENT LAW.—Jurisprudence.
 21. HAWKINS on Wills, and the following Statutes of Manitoba:—The Intestacy Act, The Wills Act of Manitoba, and The Real Property Act of 1889, together with any amendments to said Acts.
 22. POLLOCK on Contracts.
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On the successful completion of this Course, the Degree of LL.B. will be conferred upon Candidates.

The time of the Examination shall be the same as that for Arts in each year.

All Degrees in Law shall be conferred by the Council at its regular meetings, or at meetings specially called for that purpose.

Announcements.

The University of Manitoba, established by Act of the Local Legislature in 1877, has the sole power of conferring Degrees in the Province of Manitoba, with the exception of Degrees in Divinity.

The Statutes and Regulations of the University have been framed upon the most liberal principles, in order that all classes of students may be offered the greatest possible advantages for attaining a higher education, without prejudice to any denominational or religious views which they may hold.

The educational work of the University is carried on in the following affiliated colleges :—

IN ARTS.

St. Boniface College.

St. John's College.

Manitoba College.

Wesley College.

IN MEDICINE.

Manitoba Medical College.

These Colleges have the entire control of their internal affairs, studies, worship and religious teaching.

COUNCIL.

The Council, or Governing Body, is composed of seven representatives from each of the affiliated Colleges in Arts, seven representatives from the Members of Convocation, three representatives from the College of Physicians and Surgeons of Manitoba, and four representatives from Manitoba Medical College.

CONVOCATION.

Convocation consists of the Chancellor, the Vice-Chancellor, the Members of the Council, all University Graduates in Manitoba registered in 1877, all Graduates of the University, and Graduates in Theology from any of the Colleges affiliated with the University.

MATRICULATION

A student shall be entitled to matriculate who has passed the Preliminary or Entrance Examination in any Faculty, or who produces a certificate from the Acting Head of one of the affiliated Colleges that he has been admitted in that College as a student for the University, or has received in the University a standing equivalent to that given by the Preliminary or Entrance Examination, or any higher than these. Only matriculated students will be admitted to any examination higher than the Preliminary or Entrance Examination in any Faculty.

Members of any other University in Her Majesty's Dominions who may apply for admission to this University, are not required to take the Entrance Examination of the Faculty to which they belong, but may be admitted *ad eundem statum* and *ad eundem gradum*, on presentation of their credentials, and payment of the required fee.

EXAMINATIONS.

The Annual University Examinations in Medicine are held in March or April at a date decided upon yearly by the Council; in all other departments, on the second Monday in May in each year. Due notice of all examinations will be published in the newspapers by the Registrar.

Candidates for any Examination must, at least twenty days before the date of the Examination, make suitable application to the Registrar, from whom blank forms of application may be obtained. The required fee must accompany the application.

Supplemental Examinations will be allowed to those students who fail in not more than three subjects, providing their average on the whole Examination is such as will admit of their being granted Third Class standing, viz :

- (a) For Medical Entrance, 40 per cent ;
- (b) For Preliminary, 40 per cent ;
- (c) For Previous, 34 per cent.

Students who fail in more than three subjects, or who do not obtain at least Third Class standing in the total marks of any University Examination, shall be required to again take the full work of the year at the regular examination.

Supplemental Examinations in Arts and Medical Entrance are held toward the end of September in each year.

In all departments the classification will be entirely upon the ordinary papers, the scholarship papers counting *only* for scholarships.

In all the Examinations Latin and Greek are to be considered separate subjects.

No student shall be admitted to any part of the Second and Final Examination, in any part of the Art course, until he shall have passed in every subject of the Previous Examination.

Every non-collegiate Candidate at any Examination shall, along with his application for examination, forward to the Registrar a Certificate from some Clergyman or other trustworthy person, that the Candidate is of good moral character.

I.—PRELIMINARY EXAMINATION.

MARKS ALLOWED.

1. In estimating the marks of the Preliminary Examination the maximum to be fixed by examiners on each paper is to be as follows, and the returns are to be made accordingly

FIXED SUBJECTS :—

<i>Classics</i> —Virgil and Prose Composition.....	120
Caesar and Sight Translation.....	120
Latin Grammar (1½ hours).....	60
<i>Mathematics</i> —Arithmetic	100
Algebra	125
Euclid	125
<i>English</i> —(for English students)—	
Poetical Literature.....	150
Composition and Prose Authors (1½ hours) . . .	100
Grammar and Rhetoric (1½ hours)	100
<i>French</i> —(for French students)—	
Poetical Literature	150
Composition and Prose Authors (1½ hours)	100
Grammar and Rhetoric (1½ hours)	100
<i>History and Geography</i> —	
English and Roman (2 hours)	150
Canadian History and Geography (2 hours)	100

OPTIONAL SUBJECTS :—

<i>Greek</i> —Xenophon	120
Homer	120
Grammar and Composition (1½ hours)	60
<i>French</i> —(for English students)—	
Grammar and Composition	100
Authors	100
<i>English</i> —(for French students)—	
Grammar and Composition.....	100
Authors	100
<i>German</i> —Grammar and Composition	100
Authors	100
<i>Botany</i>	100

SCHOLARSHIPS :—

<i>Latin</i>	100
<i>Mathematics</i>	100

A candidate to pass in any subject must have 34 per cent of the marks in that subject and to pass the whole examination and be placed in the III. Class, he must have 40 per cent on the aggregate of the marks assigned. If he fail to obtain 40 per cent, he shall be required to take the whole examination again.

II.—MEDICAL ENTRANCE.

In this Examination the marks allowed will be the same as in the Preliminary, and the same percentages are required.

III.—PREVIOUS EXAMINATION.

MARKS ALLOWED.

I.—COMPULSORY SUBJECTS.

	Pass	Scholarships.
<i>Classics</i> —Horace	100	100
Sallust and Cicero	125	
Latin Grammar and Composition	125	
<i>Mathematics</i> —Algebra	125	100
Euclid	125	
Trigonometry	100	
<i>Science</i> —Chemistry	150	80
<i>English</i> (for English students)—Shakespeare	150	
Rhetoric and Prose Literature	100	
Composition (Essay)	100	
<i>French</i> (for French students)—Corneille et Racine	150	
Rhetoric and Prose Literature	100	
Composition (Essay)	100	
<i>History</i> (for English students)—Green's England	150	
<i>History</i> (for French students)—Hist. of France	150	

II.—OPTIONAL SUBJECTS.

<i>French</i> (for English students)—Gram. and Comp.	100
French Authors	100
<i>English</i> (for French students)—Gram. and Comp.	100
English Authors	100
<i>German</i> —Grammar and Composition	100
German Authors	100

<i>Greek</i> —Homer	100
Demosthenes and Plato	125
Grammar and Composition.....	125
<i>Physiology</i> —	100

A candidate to pass in any subject must have 25 per cent of the marks in that subject, and to pass the whole examination and be placed in III. Class, he must have 34 per cent on the aggregate of the marks assigned. If he fail to obtain 34 per cent he shall be required to take the whole examination again.

To obtain II. Class standing he must have 50 per cent on the aggregate of the ordinary papers.

To obtain I. Class standing, he must have 67 per cent on the aggregate of the ordinary papers.

SCHOLARSHIPS, PRIZES, &c.

In order to provide for Scholarships and Prizes, it is enacted as follows :

1. The Pass papers set for the Preliminary Examination of the University of Manitoba shall determine the prizes for pupils of any school in the Province who have been reading in addition to the ordinary branches of English or French education, such as English, French, Arithmetic, History and Geography, the subjects of higher education, as Classics and Mathematics, as hereinafter provided.

(a) Any candidate for these prizes or for scholarships for pupils entering the University, must send in to the Registrar of the University a certificate of his having been at a public or private school in the Province of Manitoba for the greater part of the preceding school year.

(b) There shall be awarded twenty-four prizes, to be distributed as follows :

(a) Six by the Latin and Greek papers ; (b) six by the Mathematical papers ; (c) three by the English, French and

German papers of English pupils; (*d*) three by the French, English and German papers of French pupils; (*e*) two by the English, French and Botany papers of English pupils; (*f*) two by the French, English and Botany papers of French pupils; (*g*) two by the German and Botany papers; but no pupil can take more than one prize in the groups (*e*), (*d*), (*e*), (*f*) and (*g*). In the case of any of these prizes not being taken, they may be distributed among the candidates entitled to prizes in the other subjects.

2. Scholarships shall be awarded to students of the University as follows:

(*a*) At the Preliminary Examination such scholarships shall be awarded on the Latin and Mathematical papers of the examination, but the successful candidate for a scholarship must pass in each of the additional subjects required of him and must take 45 per cent of the aggregate marks in such additional subjects. Two more difficult papers—one of $1\frac{1}{2}$ hours on the Latin, the other of $1\frac{1}{2}$ hours on the Mathematical subjects—shall be taken by candidates for the scholarships. At this examination two scholarships of one hundred dollars each, and two scholarships of sixty dollars each, shall be given.

(*b*) At the Previous Examination scholarships shall be awarded on the Latin, Mathematical and Chemistry papers, but the successful candidate for a scholarship must pass in each of the additional subjects required of him and must take 40 per cent of the aggregate marks in such additional subjects. Three more difficult papers, of one hour and a half each, on the Latin, on the Mathematics, and on the Chemistry, shall be taken by candidates for the scholarships. At this examination three scholarships of \$100 each, and two scholarships of \$60 each, shall be given on the Latin, Mathematical and Chemistry papers, and one scholarship of \$50 and one of \$30 on the English and History of the English Course, and one of \$50 and one of \$30 on the French and History of the French Course, and a scholarship of \$50 in Greek, and one of \$30 in German.

(*c*) At the Junior B.A. Examination—One scholarship of \$200 and one of \$120 for students at the Junior B.A. examination shall be awarded in each of the following courses:

Classics, Mathematics, Natural Science, Mental and Moral Philosophy, (English and Latin courses), Modern Languages, and the General B.A. Course. The mode of payment of the scholarships awarded at the Junior B.A. examination shall be as follows:—One moiety of the scholarship shall be paid in December of the Senior B.A. year; and the second moiety on the first Thursday of June of the Senior B.A. year, but this second portion shall not be paid unless the holder of the scholarship obtain first class in his Final examination.

(*d*) Scholarships shall be awarded at the Primary and Intermediate M.D. Examinations in the papers of these examinations. On the examinations of the Primary there shall be awarded three scholarships of the value of \$100, \$80 and \$60 respectively. On the examinations of the Intermediate there shall be awarded three scholarships of the value of \$80, \$60, and \$40 respectively. The mode of payment of the scholarships awarded at the Intermediate examination shall be as follows: One moiety of the scholarships shall be paid in December of the Final year, and the second moiety on the first Thursday of June of the Final year; but this second portion shall not be paid unless the holder of the scholarship obtain first class in his Final examination.

3. On certification by the Chancellor and the Registrar, or other person authorized by the Council, the several scholarships shall be paid by the Bursar of the University to the Bursar or Treasurer of each College, including the Manitoba Medical College, in moieties, on the second Wednesday of December and May, except in cases especially provided for in clauses two, sub-sections (*c*) and (*d*).

4. (*a*) In the case of undergraduates the University requires before payment of the first moiety of the scholarships a certificate from the Head or Acting Head of the College that the student's attendance has been satisfactory up to the 8th day of December, and before the payment of the second moiety a similar certificate that the student's attendance has been satisfactory from January up to the beginning of May. And it is declared that the attendance at the college to be required of a student shall be actual attendance for the full term of such college, except in so far as non-attendance for a limited period by any particular student, may be excused by the college authorities on the ground of ill health or other proper reasons.

(b) Should the conditions in this section as to certification of a scholarship not be fulfilled during the two years immediately following the date of the taking of the scholarship, the scholarship shall lapse.

5. A student shall not be qualified to hold a scholarship unless he be placed in the first class in the aggregate of the subjects for which the scholarship is given, and unless he has passed in all the subjects required.

6. The values stated for the scholarships are the maximum values which the scholarships shall not exceed. If the funds do not allow of the scholarships being of such maximum value, then they shall be proportionally of such value as the funds will allow.

7. No student shall hold more than one scholarship. If a student succeeds in gaining more than one scholarship in any year, he will be allowed to choose which one he will take, and his name will be entered upon the list as having gained the other, though not entitled to any of the funds; and such other scholarship shall be granted to the one ranking next to him.

MEDALS.

A.—THE GOVERNOR-GENERAL'S MEDALS.

1. The Governor-General's *Silver Medal* shall be awarded to the different Courses in the following order, and shall take the place of the University Medal in the Course in which it is awarded :

1894....	Mental and Moral Philosophy (Latin).
1895.....	Classics.
1896.....	Mathematics.
1897.....	Modern Languages.
1898.....	Natural Science.
1899.....	General B.A.

2. The Governor-General's *Bronze Medal* shall be awarded to the first, in order of merit, at the Previous Examination in the subjects of Classics, Mathematics and Chemistry, com-

puted together, provided that the successful competitor shall also have taken First Class standing in the full work of the year.

B.—UNIVERSITY MEDALS.

1. A *Silver Medal* shall be awarded annually to the Student obtaining the highest First-Class standing in each Course at the Final Examination for B.A.

2. A *Bronze Medal* shall also be awarded annually to the Student standing second in order of merit in each course at the Final Examination for B.A., provided his standing also be First-Class.

UNIVERSITY DRESS.

No student shall present himself at any University Examination, or at any meeting of the University unless he be clothed in the Academic dress peculiar to his College.

DEGREE OF BACHELOR OF ARTS.

The Degree of B.A. will be conferred *in absentia* only upon good reasons being submitted to, and approved of by, the Board of Studies.

DEGREE OF MASTER OF ARTS.

Candidates for this Degree must be Bachelors of Arts of, at least, three years' standing. Their attainments and moral character must be satisfactory to the University Council.

UNIVERSITY HOODS.

The materials and colors prescribed by the Council for the Hoods to be worn by Graduates of the University in the various Faculties, are as follows :

B.A.—Black stuff, edged with white rabbit-skin, with a braid of green silk.

M.A.—Black corded silk, lined with scarlet corded silk.

M.D.—Black cashmere, lined with purple corded silk.

M.D., C.M.—Black cashmere, lined with purple corded silk and edged with violet silk.

LL.B.—Black silk stuff, lined with white silk, edged with narrow white rabbit skin, and a narrow green silk braid along the border.

The University insists on all hoods being made after the pattern of hoods made by Harcourt & Co., Toronto.

FEEES.

Matriculation (Registration)	\$ 1 00
Every Regular Examination	2 00
Each Supplemental Examination	5 00
Certificate of Standing	1 00
Degree of B. A.	4 00
Degree of M. A.	4 00
Degree of M. D.	10 00
Degree of C. M.	10 00
Degree of LL. B.	4 00
Ad Eundem Statum	5 00
Ad Eundem Gradum	4 00

All fees must be paid in advance.

